

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

## Reaction 6 of 7

Reaction ID	<u>7969602</u>
Reactant	cobalt stearate
Reactant BRN	3125876 butyl- <i>trans</i> -cinnamyl sulfide
No. of Reaction Details	1
Reaction Classification	Chemical behaviour (half reaction)
Temperature	75 C
Other Conditions	Autoxidation
Subject Studied	Kinetics

Note 1 Handbook

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

## Reaction 7 of 7

Reaction ID	<u>8067751</u>
Reactant BRN	<u>1098929</u> (3-chloro- <i>trans</i> -propenyl)-benzene
Reactant	sodium butane-1-thiolate
Product BRN	3125876 butyl- <i>trans</i> -cinnamyl sulfide
No. of Reaction Details	1
Reaction Classification	Preparation
Reagent	ethanol

Note 1 Handbook

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

## Boiling Point

VALUE (BP) C	Pressure (.P) Torr	Note	Ref.
100	0.05	1	1

Note 1 Handbook

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

## Refractive Index

VALUE (RI)	Wavelength (.W) nm	Temperature (.T) C	Note	Ref.

1.566	589	20	1	1
-------	-----	----	---	---

Note 1 Handbook

Ref. 1 1415668; Journal; Bateman; Cunneen; JCSOA9; J.Chem.Soc.; 1955; 1596;

## Nuclear Magnetic Resonance 1 of 2

Description	Chemical shifts
Nucleus	1H
Solvents	CDCl3
Ref. 1	<u>5717632</u> ; Journal; Tsay, Shwu-Chen; Lin, Lung Ching; Furth, Paul A.; Shum, Chi C.; King, Daniel B.; et al.; SYNTBF; Synthesis; EN; 3; 1993; 329-334;

## Nuclear Magnetic Resonance 2 of 2

Description	Spin-spin coupling constants
Solvents	CDCl3
Note 1	1H-1H
Ref. 1	<u>5717632</u> ; Journal; Tsay, Shwu-Chen; Lin, Lung Ching; Furth, Paul A.; Shum, Chi C.; King, Daniel B.; et al.; SYNTBF; Synthesis; EN; 3; 1993; 329-334;

## Infrared Spectra

Description	Bands
Solvent	CCl4
Note 1	3084 - 691 cm**(-1)
Ref. 1	<u>5717632</u> ; Journal; Tsay, Shwu-Chen; Lin, Lung Ching; Furth, Paul A.; Shum, Chi C.; King, Daniel B.; et al.; SYNTBF; Synthesis; EN; 3; 1993; 329-334;